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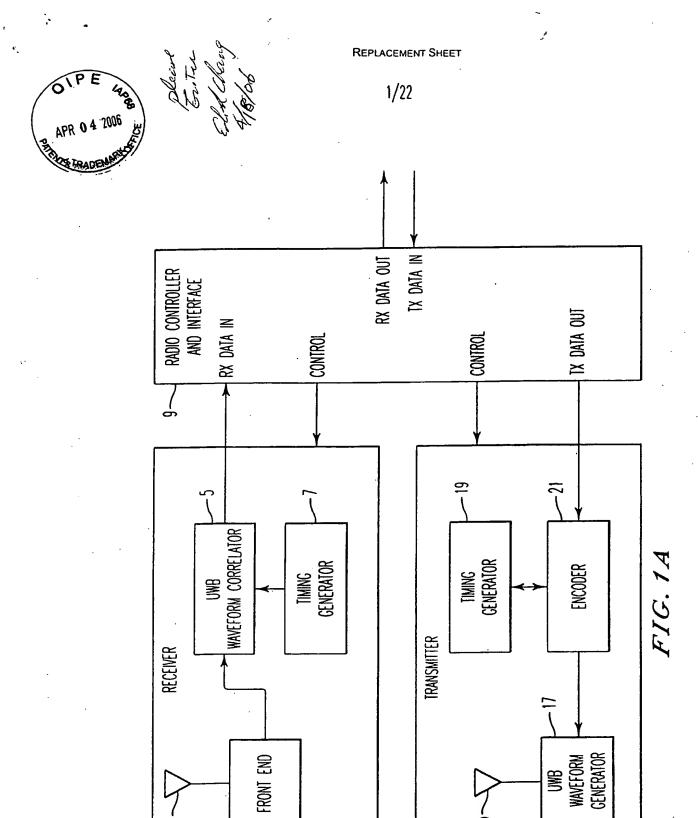
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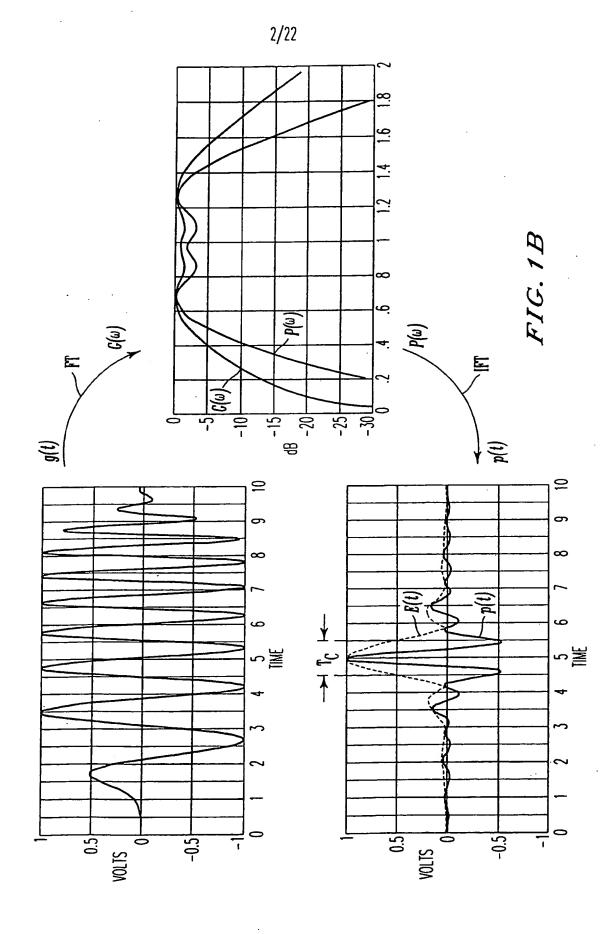
APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/685,196	10/10/2000	Timothy R. Miller	195273US8	4307
23400 75	590 04/28/2006		EXAMINER	
POSZ LAW (GROUP, PLC LAKES DRIVE		CHANG, EDITH M	
SUITE 101			ART UNIT	PAPER NUMBER
RESTON, VA	20191		2611	
DATE MAILED: 04/28/200		6		

Please find below and/or attached an Office communication concerning this application or proceeding.



		Application No.	Applicant(s)					
Resno	nse to Rule 312 Communication	09/685,196	MILLER ET AL.					
Response to Nuie 312 Communication		Examiner	Art Unit					
		Edith M. Chang	2611					
The MAILING DATE of this communication appears on the cover sheet with the correspondence address –								
1. ☑ The amendment filed on <u>04 April 2006</u> under 37 CFR 1.312 has been considered, and has been:								
· _	entered.							
b) 🗌								
c) 🗌	disapproved because the amendment was filed after the payment of the issue fee. Any amendment filed after the date the issue fee is paid must be accompanied by a petition under 37 CFR 1.313(c)(1) and the required fee to withdraw the application from issue.							
d) 🗌] disapproved. See explanation below.							
e) 🗌	entered in part. See explanation below.							
		KHAITRAN PRIMARY EXAM	MER					





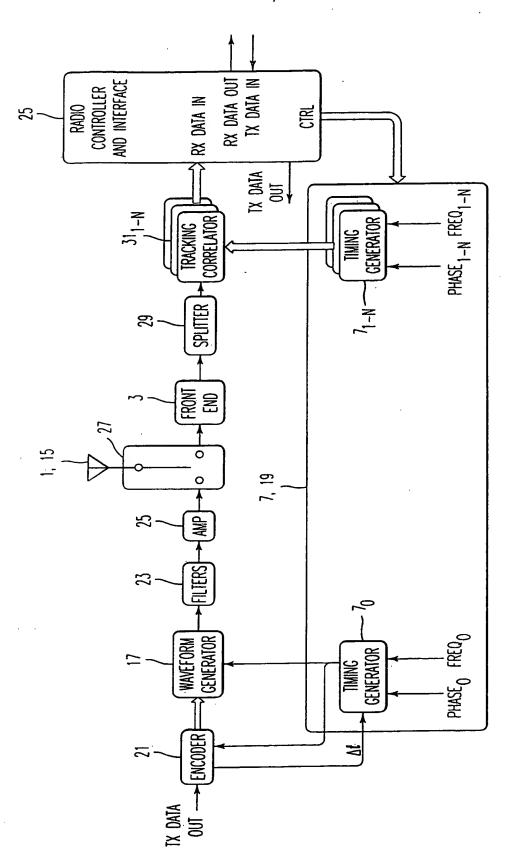
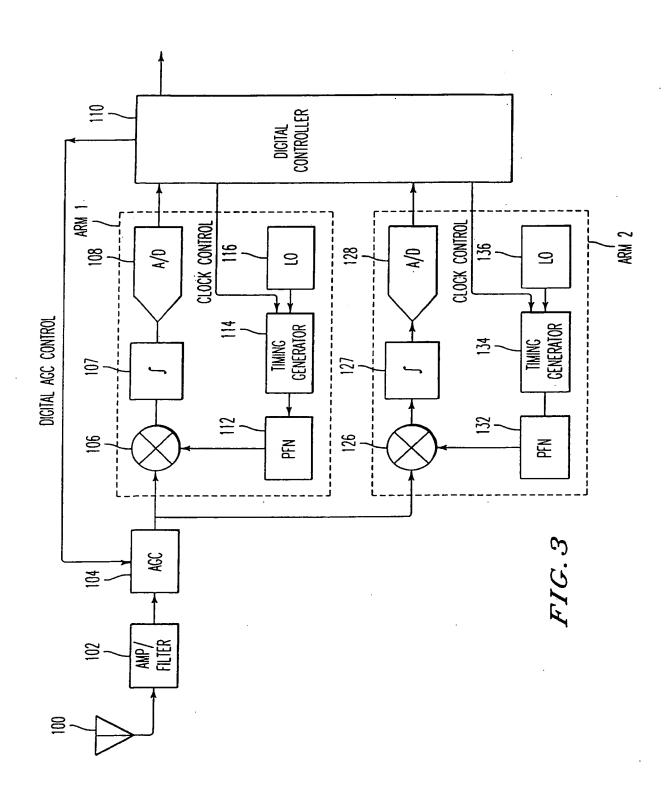


FIG. 2



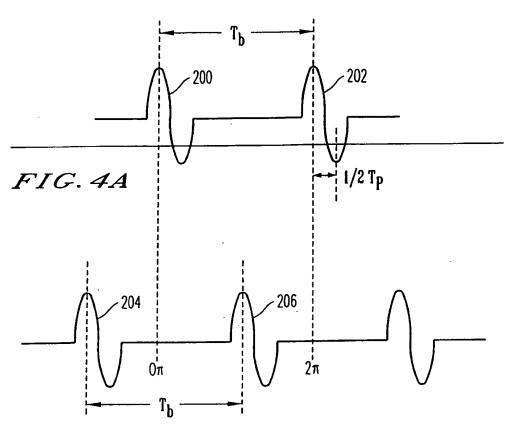


FIG. 4B

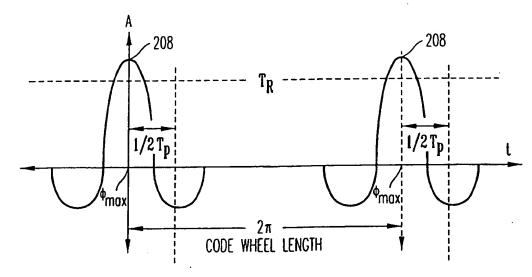


FIG.4C

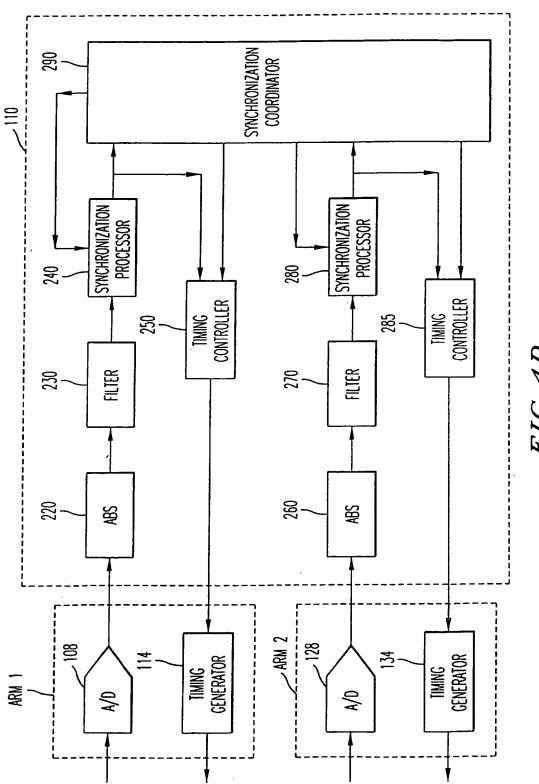


FIG. 4D

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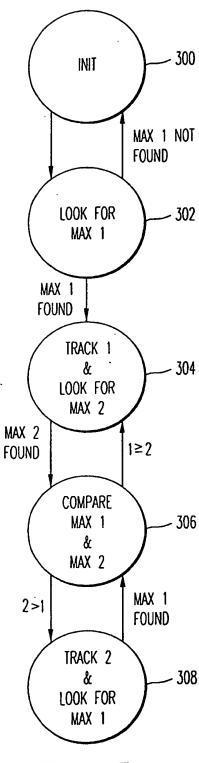


FIG. 5

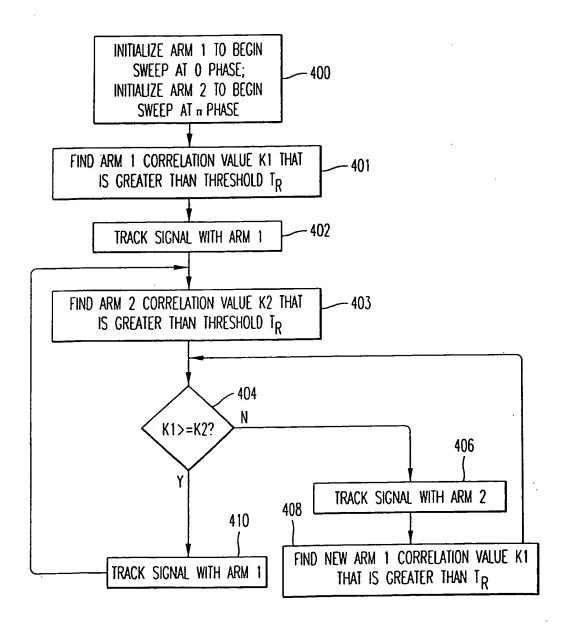
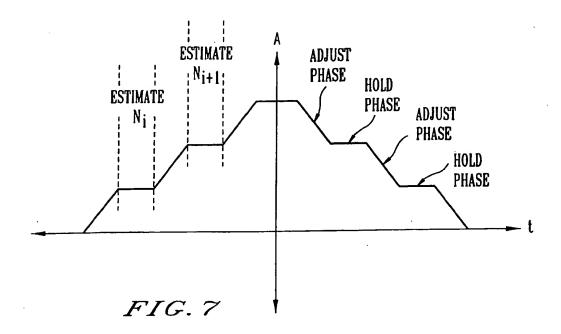
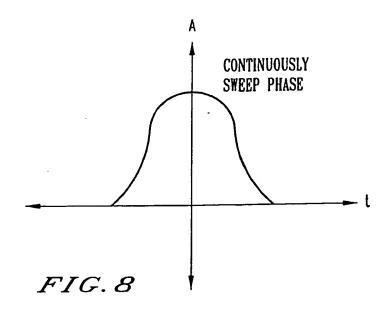


FIG. 6





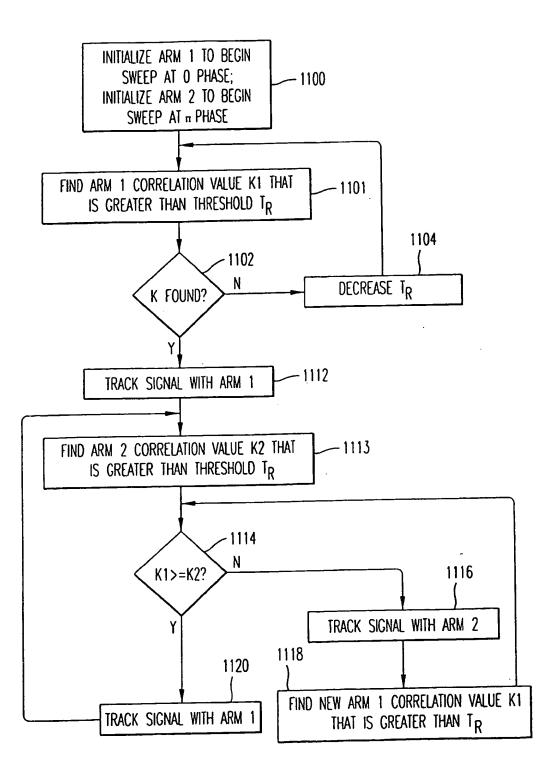


FIG. 9

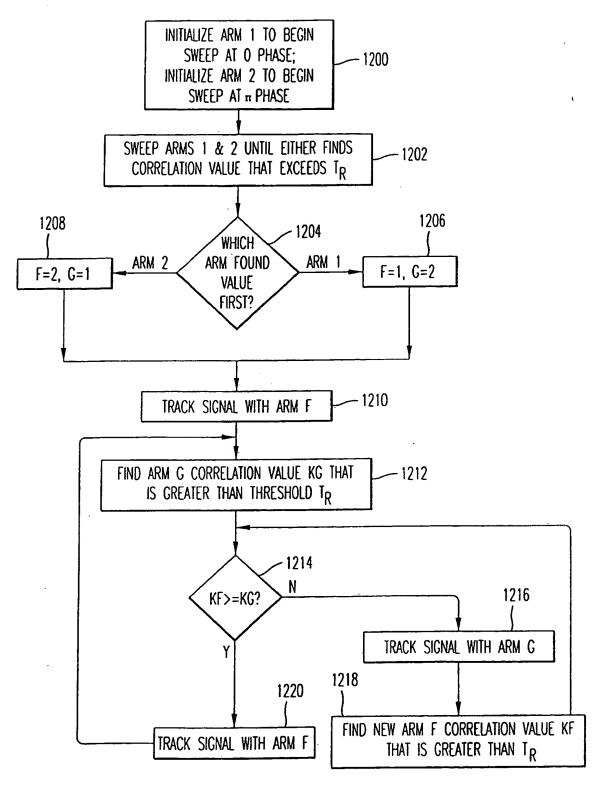


FIG. 10

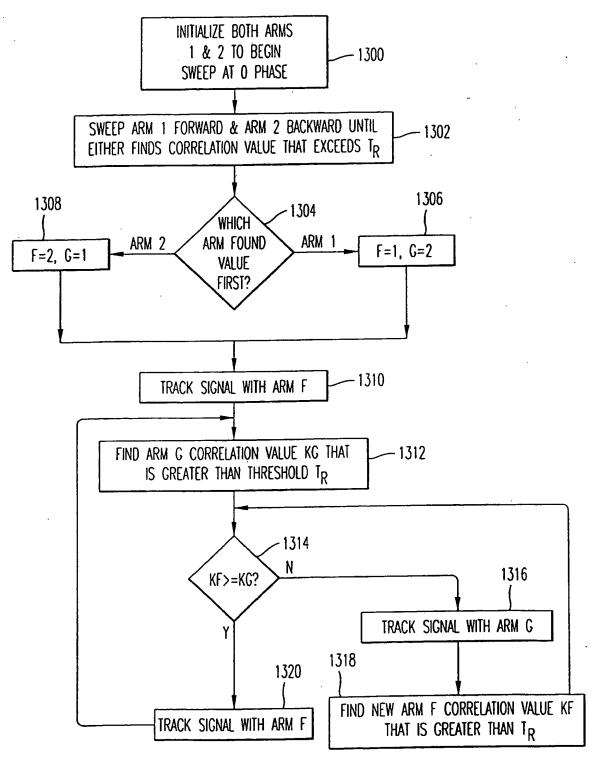


FIG. 11

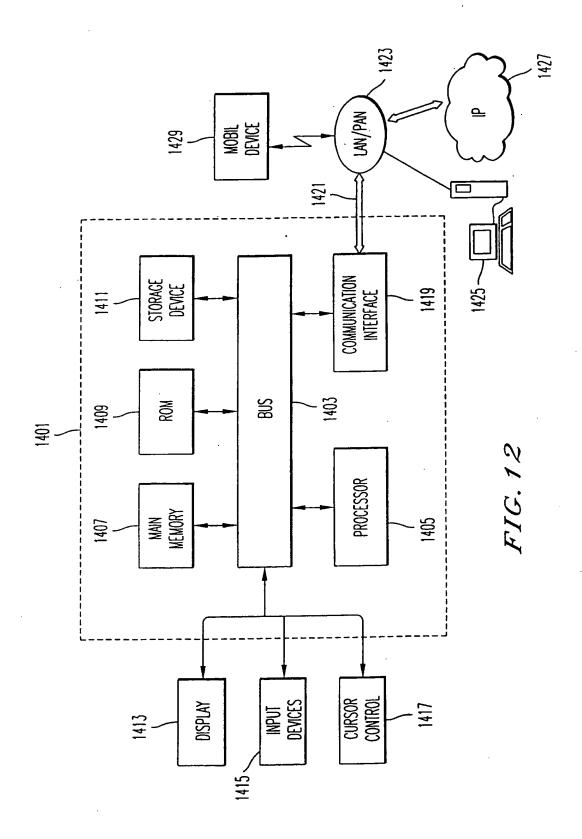
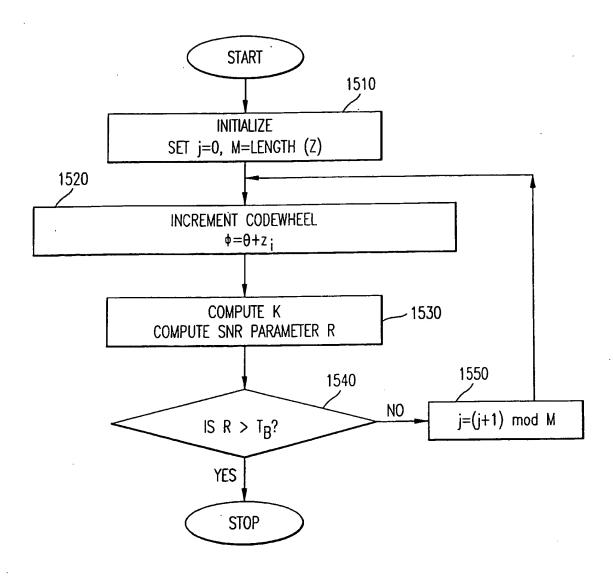
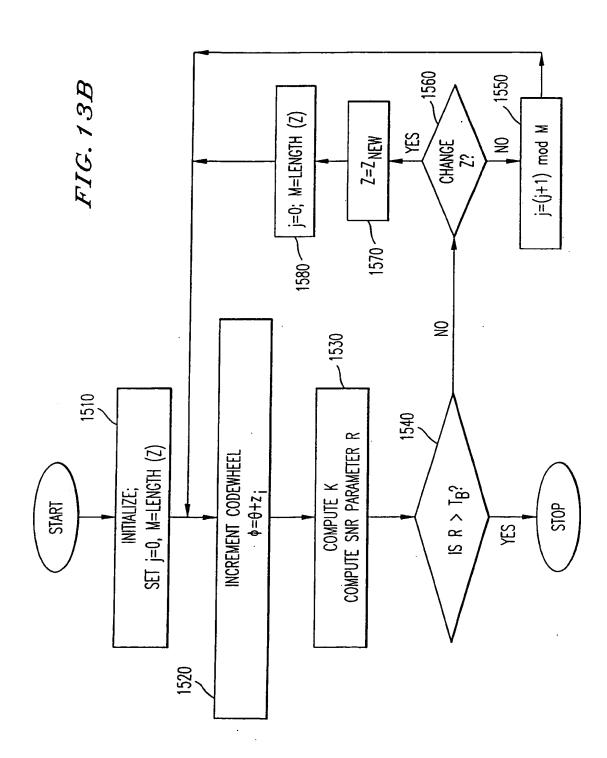


FIG. 13A





Z1={0, n, 2n, 3n,...,Q-3, Q-2, Q-1}. FIG. 1
$$4A$$

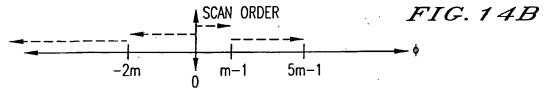
SCAN ORDER

-2 π

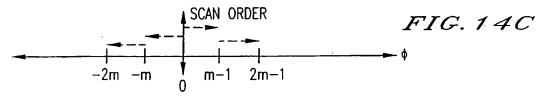
Q-1 2π

0

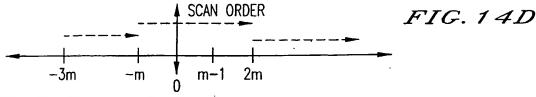
Z2 (FIRST EXAMPLE)= n^* {[0,m-1], [-1,-2m], [m,5m-1], [-2m-1,-10m],...,(Q-1)/n}.



Z2 (SECOND EXAMPLE)= $\{0,n,2n,...,(m-1)^*n,-n,-2n,...,-m^*n,m^*n,(m+1)^*n,(m+2)^*n,...,(Q-1)\}$.



Z2 (THIRD EXAMPLE)= $\{-m^*n,(-m+1)^*n,(-m+2)^*n,...,-n,0,n,...,m^*n,(m+1)^*n,(m+2)^*n,...,2m^*n,(-3m)^*n,(-3m+1)^*n,(-3m+2)^*n,...,(-m-1)^*n,(2m+1)^*n,(2m+2)^*n,...,(Q-1)\}$

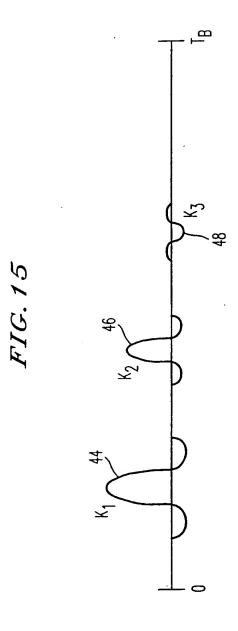


WHERE FOR FIGS. 14A, 14B, 14C, AND 14D:

Q=TOTAL NUMBER OF CODEWHEEL INCREMENTS IN EACH CODEWHEEL SPIN. THE MAXIMUM CODEWHEEL SPIN IS A COMPLETE (2π) CODEWHEEL SPIN, BUT OTHER CODEWHEEL SPINS ARE AVAILABLE;

n=AN ARBITRAY LOCAL PARAMETER THAT CONTROLS HOW FAST THE CODE WHEEL SPINS DEPENDING ON THE TIME INCREMENT STEP SIZE; AND

m=A NUMBER OF INCREMENTS LESS THAN THE TOTAL NUMBER OF INCREMENTS.



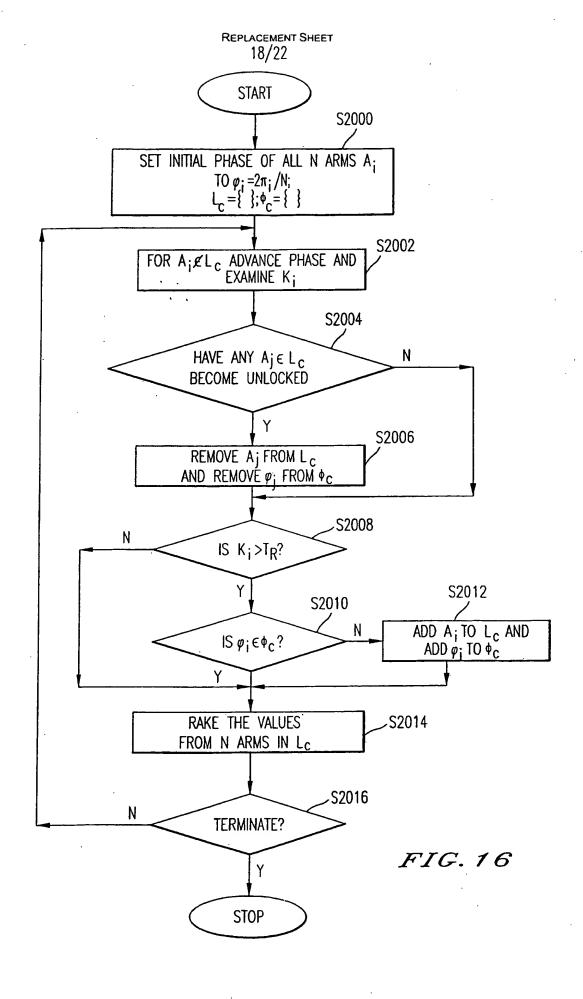


FIG. 17A

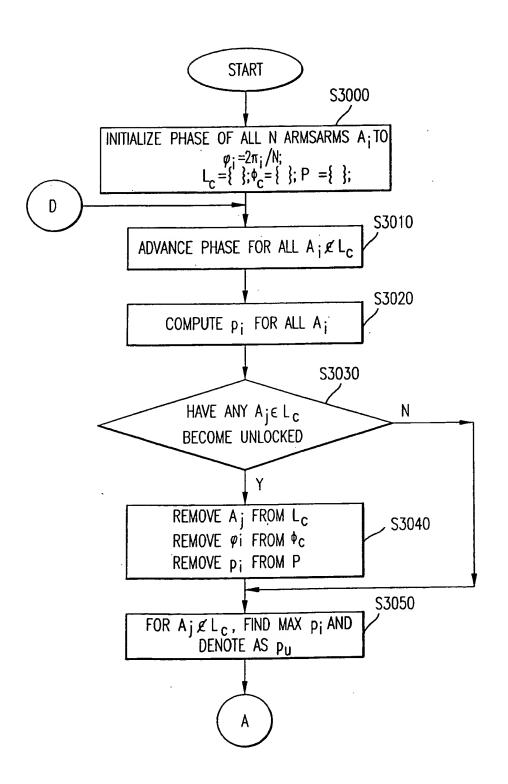


FIG. 17B

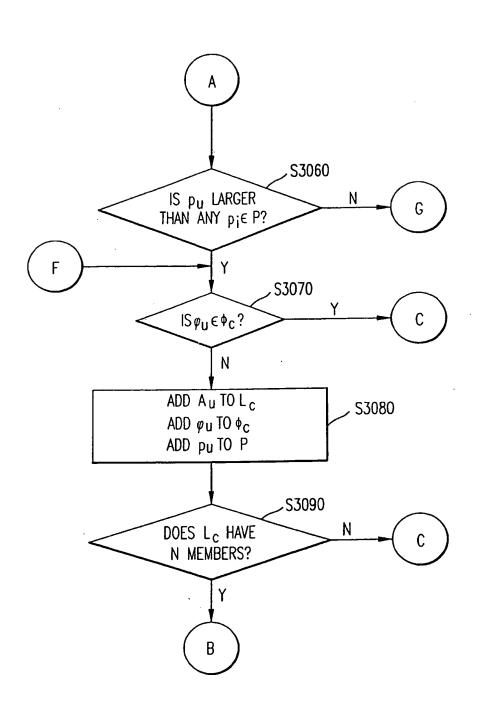


FIG. 17C

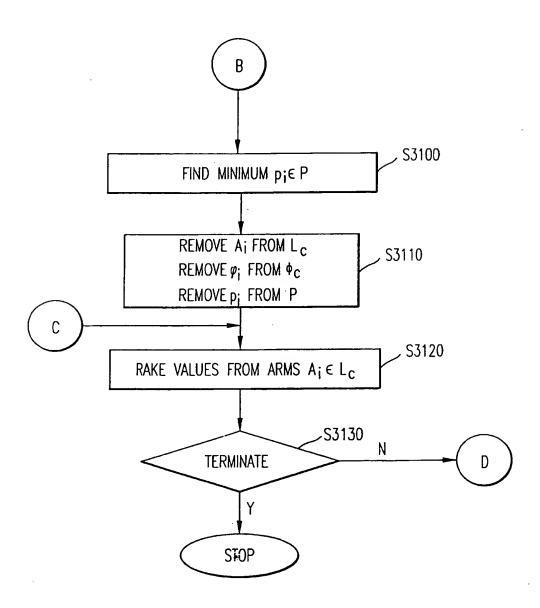


FIG. 17D

